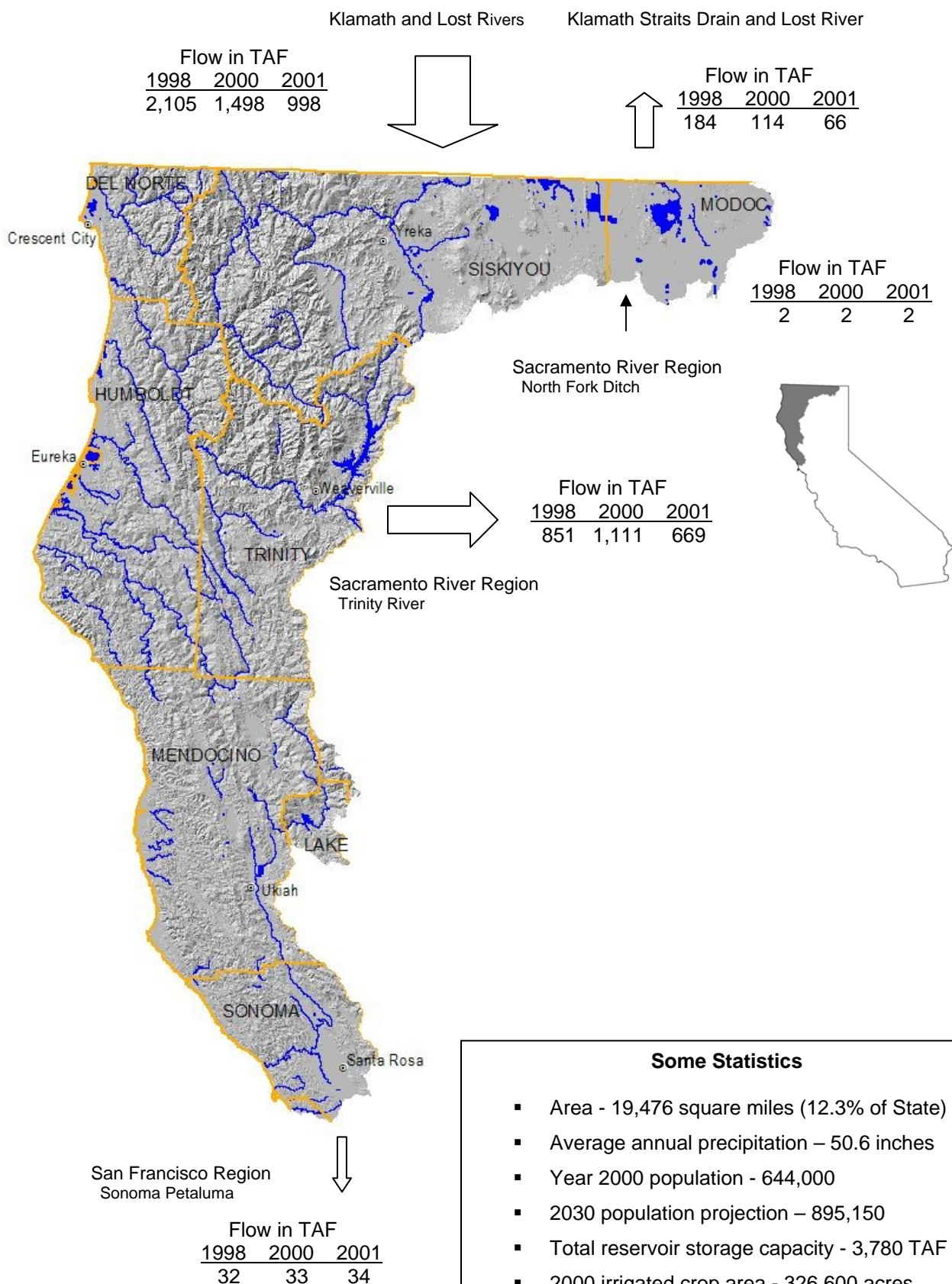


NORTH COAST HYDROLOGIC REGION



NORTH COAST HYDROLOGIC REGION WATER BALANCE SUMMARY – TAF

Water Entering the Region - Water Leaving the Region = Storage Changes in Region

	Water Year (Percent of Normal Precipitation)		
	1998 (154%)	2000 (98%)	2001 (60%)
Water Entering the Region			
Precipitation	79,216	50,755	31,254
Inflow from Oregon	2,105	1,498	988
Inflow from Colorado River	0	0	0
Imports from Other Regions	2	2	2
Total	81,323	52,255	32,244
Water Leaving the Region			
Consumptive Use of Applied Water * (Ag, M&I, Wetlands)	646	791	647
Outflow to Oregon	184	114	66
Exports to Other Regions	883	1,144	703
Statutory Required Outflow to Salt Sink	32,348	18,763	8,021
Additional Outflow to Salt Sink	115	125	122
Evaporation, Evapotranspiration of Native Vegetation, Groundwater Subsurface Outflows, Natural and Incidental Runoff, Ag Effective Precipitation & Other Outflows	46,491	31,592	23,323
Total	80,667	52,529	32,882
Storage Changes in the Region			
[+] Water added to storage			
[-] Water removed from storage			
Change in Surface Reservoir Storage	703	-246	-491
Change in Groundwater Storage **	-47	-28	-147
Total	656	-274	-638

Applied Water * (compare with Consumptive Use)	1,166	1,353	1,018
* Definition - Consumptive use is the amount of applied water used and no longer available as a source of supply. Applied water is greater than consumptive use because it includes consumptive use, reuse, and outflows.			

****Footnote for change in Groundwater Storage**

Change in Groundwater Storage is based upon best available information. Basins in the north part of the State (North Coast, San Francisco, Sacramento River and North Lahontan Regions and parts of Central Coast and San Joaquin River Regions) have been modeled – spring 1997 to spring 1998 for the 1998 water year and spring 1999 to spring 2000 for the 2000 water year. All other regions and year 2001 were calculated using the following equation:

$$\text{GW change in storage} = \text{intentional recharge} + \text{deep percolation of applied water} + \text{conveyance deep percolation} - \text{withdrawals}$$

This equation does not include the unknown factors such as natural recharge and subsurface inflow and outflow.